

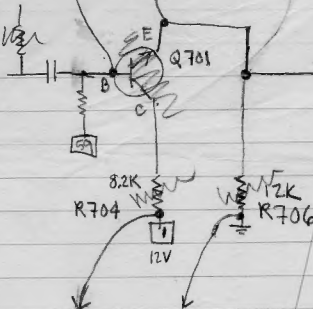
remove

Q701
R704
R706
R720

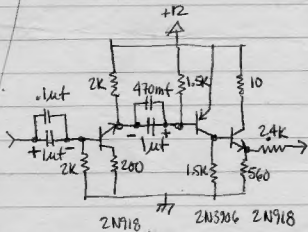
2400
R720

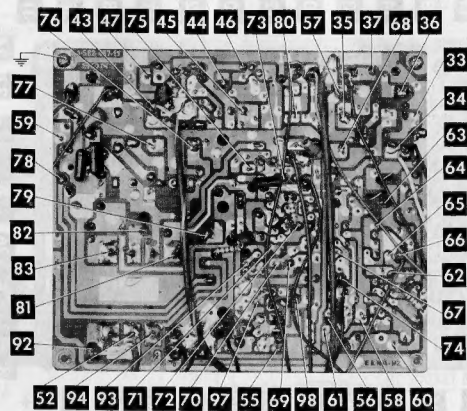
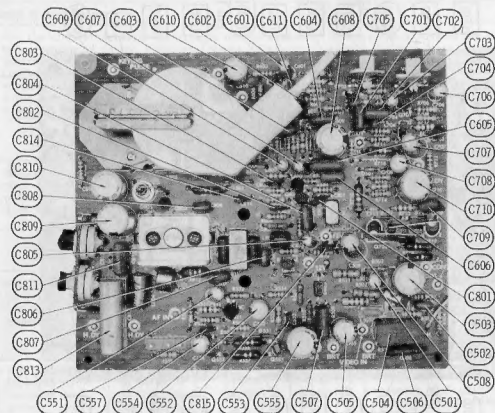
into board

out



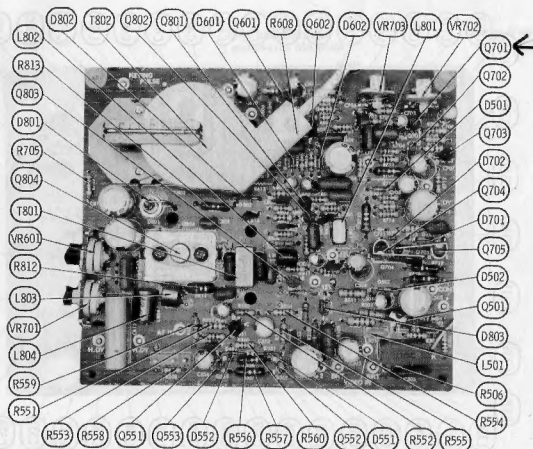
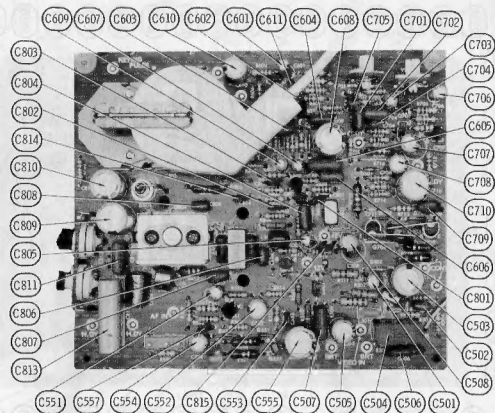
add





A Howard W. Sams **CIRCUITRACE** Photo

DEFLECTION BOARD



SONY
MODEL TV-7-60

FOLDER 3

(When ordering nests, state Model, Box Number, and Description.)

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sears COUNTER FACTS for the most up-to-date replacement.

TRANSFORMER (Power

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	PRI.	SEC.	MFG. PART No.	STANCO PART No.	THORNDARSON PART No.	TRIAD PART No.	
TR01	120 VAC ± 172 A.C.	26 VAC CT 8 A.C.	1-642-112-02 1-642-112-11(1)				(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFG. PART No.	QUAM. PART No.	
SPI	2 1/2" x 4" PH 32 slots	1-504-448-00		

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA							
		PART No.		BUSS PART No.		LITTURE PART No.		WORKMAN PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER
F001	SA 5 150 v								
F002	Switch-Active, Pigtail 28 # 125 v	1-532-265-00		62V/2		316.600			
F003	Switch-Active, Pigtail 2-150 v 200 v	1-532-266-00		62V2		318.000			
	Switch-Active, Pigtail	1-532-274-00		0.93		318.003			

MISCELLANEOUS

ITEM NAME	PART NAME	PART No.	NOTES
C1481 33507	Inf Antenna	1-501-1182-00	
	Inf Antenna	1-501-102-00	
	Inf Tuner	1-440-125-00	(31-44746)
	Inf Tuner	1-440-127-00	(31-0063)
	Crystal	1-511-271-00	4.5 MHz
	Switch		Antenna (L/R/Ref)
	Screen Gap	1-513-263-11	
	Power Cord	1-513-263-11	
	Printed Circuit Board	9-800-229-35	Defective, Complete (EP)
	Printed Circuit Board	9-800-329-53	Power Supply, Complete (MS)
	Printed Circuit Board	9-800-329-53	Power Supply, Complete (1)
	Printed Circuit Board	9-800-329-53	ERT Screen, Complete (1)
	Printed Circuit Board	1-211-046-00	Strip Pass Filter
Printed Circuit Board	1-040-076-00	Antenna	
Printed Circuit Board	2-00077-01-01	Antenna, Complete (CW)	

ACCESSORIES

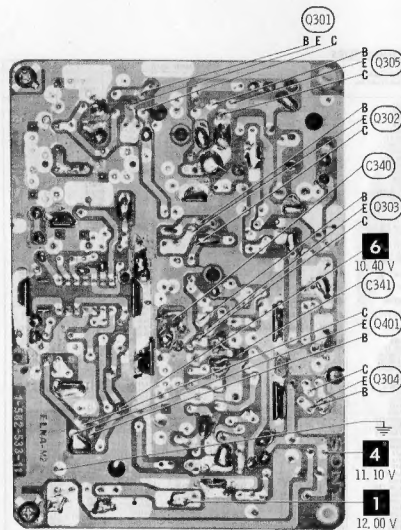
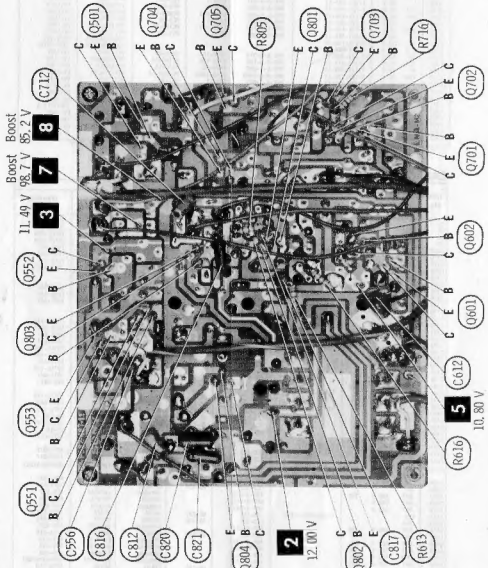
ITEM	MFG. PART No.	REMARKS
Earpiece	1-524-034-22	

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No.	ITEM	PART No.
Cabinet Back	X-40207-01-0	Knob, VHF Channel Selector	X-40207-04-00
Knob, On-Off-Volume	X-40271-26-0	Knob, VHF Fine Tuning	X-40207-23-00
Knob, UHF Channel Selector	X-40207-05-0	Knob, Brightness/Contrast	X-40207-01-02
Knob, UHF Fine Tuning	X-40272-03-0		

WIRING DATA

High Voltage Lead	Use Belden No.	9949	(750') or 9906 (250')
Shielded Hook-up Wire	Use Belden No.	9005	(Single Conductor)
		9738	(Two Conductor)
General-use Unshielded Hook-up Wire	Use Belden No.	9532	(Solid) Available in 12 Colors
		9541	(Stranded) Available in 12 Colors
300-Ohm Termination Lead	Use Belden No.	9229	
300-Ohm Antenna Lead-In	Use Belden No.	8230	(or 8275)
Antenna Motor Cable	Use Belden No.	9464	(Flat) or 9463 (Round) - 4 Conductor
		9465	(Round) - 5 Conductor
		9466	(Round) - 6 Conductor



DEFLECTION BOARD

A Howard W. Sams CIRCUITRACE® Photo

VIDEO IF/SOUND BOARD

A Howard W. Sams **CIRCUITRACE** Photo

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sears COUNTERFACTS® for the most up-to-date replacement.

ITEM No.	REPLACEMENT DATA			NOTES	
	MGFR. PART No.	GENERAL ELECTRIC PART No.	RCA PART No.		SYLVANIA PART No.
Y1	C1402				

ITEM No.	TYPE / MFR. No. / PART No.	REPLACEMENT DATA						
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
1	6X4							
2	6X4							
3	6X4							
4	6X4							
5	6X4							
6	6X4							
7	6X4							
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65	6X4							
66	6X4							
67	6X4							

0001	17781	1E1446	1E00A	PF2007	NEP1314	1E0087			102	109
	17782	1E1446	1E00A	PF2007	NEP1314	1E0087			102	109
	17783	1E1446	1E00A	PF2007	NEP1314	1E0087			102	109
	17784	1E1446	1E00A	PF2007	NEP1314	1E0087			102	109
0002	151106	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151107	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151108	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151109	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
0003	151110	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151111	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151112	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151113	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
0004	151114	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
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	151119	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151120	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151121	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
0006	151122	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151123	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151124	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
	151125	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
0007	151126	6E-300	0E000	PF2124	NEP1408	0E0000			102	109
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	151140	6E-300	0E000	PF2124	NEP1408	0E0000			102	109

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0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT428
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT429
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT430
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT431
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT432
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT433
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT434
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT435
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT436
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT437
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT438
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT439
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT440
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT441
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT442
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT443
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT444
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT445
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT446
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT447
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT448
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT449
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	MT450
0304	256478C(2)	04-62			PTC103	HEP7F15	5A3130	

[illegible]

0701	25C1383	66-08	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C6344 (1)	66-10	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C1383	66-08	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C6344 (1)	66-10	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
0702	25A6105C	64-42		PTC102	HEP715	SA3138	RT1116	ECG 123B
	25A077 (1)	64-22		PTC102	HEP715	SA3138	RT1116	ECG 123B
0703	25C1383	66-08	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C6344 (1)	66-10	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C6344 (1)	66-10	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A
	25C6344 (1)	66-10	TR-24	PTC121	HEP736	SA3324	RT1808	ECG 123A

Q704	25C1364 (1) 25C1363(2) 25C1478 (1) 25C1476 (1)	TR-63 (9) TR-63 (9) TR-63 (9) TR-63 (9)	TR-24 TR-24 TR-24 TR-24	PTC121 PTC143 (9) PTC143 (9) PTC143 (9)	HQ1936 HQP936 HQP941 (9) HQP943 (9)	HT105	ECG 1234 ECG 1234 ECG 1234 ECG 1234
Q705	25A083(2) 25A772 (1) 25A773 (1)	TR-67 (9) TR-67 (9) TR-67 (9)	TR-30 (9) TR-30 (9) TR-30 (9)	PTC142 PTC142 (9) PTC142 (9)	HQ2927 HQP942 (9) HQP942 (9)		ECG 193 (9) ECG 193 (9) ECG 193 (9)
Q801	25C1364A 25C6344 (1)	TR-20 TR-20	TR-24 TR-24	PTC121 PTC121	HQ1736 HQP736	HT104 HT105	ECG 1234 ECG 1234
Q802							

[illegible]

0902	250091 (4)	06-23	TR-23	PTC112	HEP203	SK3026	AT128	ECO 175
	250092 (1)	06-23	TR-23	PTC112	HEP203	SK3026	AT120	ECO 175

(1) Used in some versions.
 (2) Matched Pair
 (3) Two required - select matched pair.
 (4) Complementary Pair.

ITEM	RATING	AFRC PART No.	REPLACEMENT DATA					SPAREPART PART No.
			ANCO PART No.	CENTRALE PART No.	CONNELL PART No.	MALLORY PART No.	SPRAGUE PART No.	
2332	10	29	1-211-308-11	HW-4-0-050	PS15-10	VT1703	VT1703	EX-1321
2333	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2334	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2335	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2336	8	10	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2337	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2338	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2339	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2340	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2341	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2342	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2343	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2344	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2345	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2346	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2347	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2348	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2349	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2350	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2351	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2352	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2353	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2354	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2355	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2356	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2357	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2358	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2359	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2360	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2361	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2362	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2363	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2364	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2365	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2366	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2367	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2368	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710	VT1710	EX-1771
2369	10	29	1-211-402-11	HW-4-0-050	PS15-10	VT1710		

[illegible]

C#	30		C12-100			10726-200
C4	30		C12-100			10726-200
C9	30		C12-100			10726-200
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C280	.0067		C12-475	00-4725	SW4700	JF1827
C281	.0067		C12-475	00-4725	SW4700	JF1827
C282	.0067		C12-475	00-4725	SW4700	JF1827
C283	.0067		C12-475	00-4725	SW4700	JF1827
C284	.0067		C12-475	00-4725	SW4700	JF1827
C285	.0067		C12-475	00-4725	SW4700	JF1827
C286	.0067		C12-475	00-4725	SW4700	JF1827
C287	.0067		C12-475	00-4725	SW4700	JF1827
C288	.0067		C12-475	00-4725		

ITEM	FUNCTION	RESIST- ANCE	REPLACEMENT DATA				
			ANGE- PART No.	CONVEXLAS PART No.	CLARIGAT PART No.	CTS-HBC PART No.	MALICORY PART No.
VE01	RF 400	400	1-322-010-010 28B-111	1-322-020-010 (1)	1-507 (2)	1029168141	MIC8A (3)
VE02	Brightness	100 K	28B-111	1-322-010-010 (1)			
VE03	Contrast	100 K	1-322-010-010 28B-111				
VE04	Volume/Switch	20 K	1-322-012-010 28B-111	1-322-007-010 K8-2		801171, DF00, SSA, 6P	MIEM, SS, SSA, 6P (1) (2) (3)
VE05	Horizontal	20 K	1-328-023-010 (1)				
VE06	Vertical	50 K	1-024-076-100 28B-111	1-328-100-000 28B-111	C-103	1029133016	MIC1A (1)
VE07	Horizontal	500 K	1-328-016-100 28B-111	1-328-010-000 28B-111	C-102	1029133026	MIC5A (1)
VE08	SA	100 K	1-328-020-020 28B-111	1-328-010-000 28B-111	C-104(2)	1029134043 (3)	MIC1A (1)

(1) For replacing the matching tube.
 (2) For replacing the matching tube, use the two outside terminals to fit PC board. Use jumper to connect center terminal to PC board.
 (3) Includes VE04 and VE020.

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFG. PART No.			WORKMAN PART No.	MFG. PART No.
R158	2.2 1/2W Carbon		1-707-457-12	R112	2.1 1/2W Film		1-303-855-13

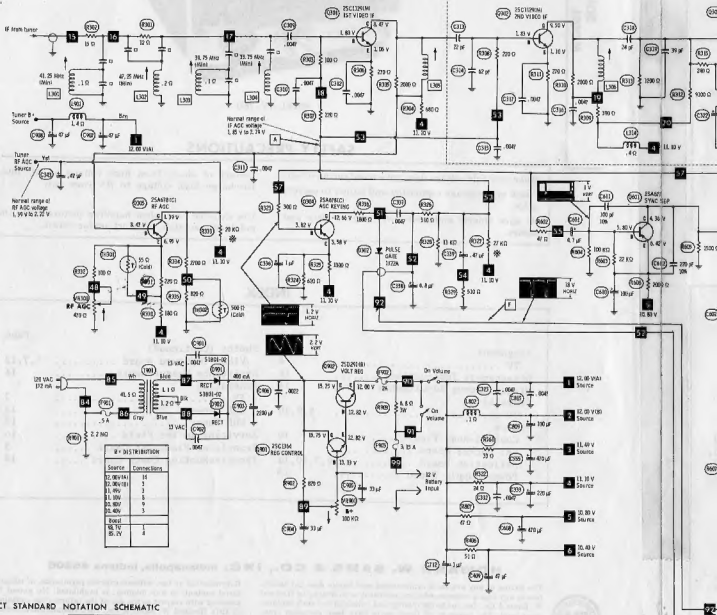
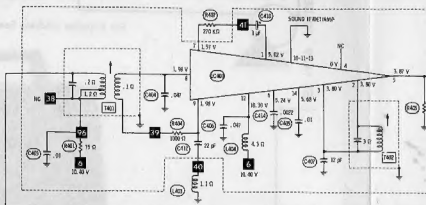
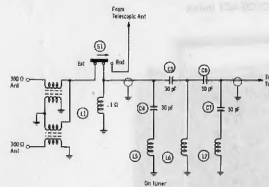
ITEM No.	FUNCTION	REPLACEMENT DATA			
		MFGE PART No.	OTHER IDENTIFICATION	MEISSNER PART No.	MILLER PART No.
1	ME-Block - 55 - 003	3-430-000-00			

15	RF Envelope	1-423-759-002	
16	RF Envelope	(1)	
17	RF Envelope	(1)	
18	RF Envelope	(1)	
19	RF Envelope	(1)	
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97	RF Envelope	(1)	
98	RF Envelope	(1)	
99	RF Envelope	(1)	
100	RF Envelope	(1)	

(1) Part of High Pass Filter, part number 1-231-060-00.
(2) Use in USA versions, serial number 33,823 and later, and Canadian versions, serial number 10,501 and later.
(3) If **k4uz2** occurs on cable system operation replace 1303 and C7401 with part number 8-980-247-00.

ITEM No.	FUNCTION	REFERENCE DATA				
		AFOR PART No.	OTHER IDENTIFICATION	STANCO PART No.	THORDARSON PART No.	TRIAD PART No.
DY	Yoke Wrist + ZMG 48	1-451-104-00	1-451-104-11			

TB01	50° Vert. x 6.5 oh	1-437-021-00	437-021		
TB02	Horizontal Driver	1-439-138-00	138-11	CDa	
	Horizontal Output				



Source	Connection
10.0V AC	1
10.0V AC	2
10.0V AC	3
10.0V AC	4
10.0V AC	5
10.0V AC	6
10.0V AC	7
10.0V AC	8
10.0V AC	9
10.0V AC	10

A PHOTOFACT STANDARD NOTATION SCHEMATIC
WITH CIRCUITACE

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